F1_RE

C Number:	C20407
Lock Date:	02/24/2009
Cage Range:	ALL
Date Range:	ALL
Reasons For Removal:	ALL
Removal Date Range:	ALL
Treatment Groups:	Include ALL
Study Gender:	Both
TDMSE Version:	2.2.0

Wistar Han RATS MALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3
Disposition Summary			
Animals Initially In Study	**10**	**10**	**10**
Early Deaths			
Survivors			
Terminal Sacrifice	**10**	**10**	**10**
Animals Examined Microscopically	**10**	**10**	**10**
ALIMENTARY SYSTEM			
Pancreas	(10)	(0)	(10)
Acinus, Atrophy	1 [1.0]		
Stomach, Forestomach	(10)	(0)	(10)
Hyperplasia, Squamous	1 [1.0]		
CARDIOVASCULAR SYSTEM			
Heart	(10)	(0)	(10)
Cardiomyopathy	1 [1.0]		1 [1.0]
ENDOCRINE SYSTEM			
Adrenal Cortex	(10)	(0)	(10)
Accessory Adrenal Cortical Nodule	2 [1.0]		1 [1.0]
Pituitary Gland	(10)	(0)	(10)
Cyst	2 [1.0]		
Pars Distalis, Hyperplasia			1 [1.0]
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Wistar Han RATS MALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3
Preputial Gland	(10)	(0)	(10)
Inflammation, Chronic Active	2 [1.0]		2 [1.0]
Prostate	(10)	(0)	(10)
Inflammation, Chronic Active			3 [2.0]
Testes	(10)	(0)	(10)
Germinal Epithelium, Degeneration			1 [2.0]
HEMATOPOIETIC SYSTEM			
Lymph Node, Bronchial	(10)	(9)	(10)
Pigmentation		3 [1.0]	4 [1.0]
Lymph Node, Mediastinal	(10)	(8)	(10)
Pigmentation	1 [1.0]	6 [1.0]	2 [1.0]
Thymus	(10)	(0)	(10)
Hemorrhage			1 [2.0]
INTEGUMENTARY SYSTEM			
None			
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
Lung	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	9 [1.0]	6 [1.0]	8 [1.0]
Metaplasia, Osseous	1 [1.0]		

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Wistar Han RATS MALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3
Pigmentation		9 [1.0]	10 [1.9]
SPECIAL SENSES SYSTEM			
Harderian Gland	(10)	(0)	(10)
Inflammation, Chronic Active			3 [1.0]
URINARY SYSTEM			
Kidney	(10)	(10)	(10)
Infarct			1 [1.0]
Nephropathy	1 [1.0]	1 [1.0]	6 [1.0]
Bilateral, Pelvis, Dilatation			1 [2.0]
Medulla, Inflammation, Chronic Active			1 [3.0]
Pelvis, Dilatation		2 [1.0]	
Urinary Bladder	(10)	(0)	(10)
Inflammation, Chronic Active			1 [2.0]

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Wistar Han RATS FEMALE	0 mg/m3	0.5 mg/m3	2.0 mg/m3

Disposition Summary

Animals Initially In Study	**10**	**10**	**10**
Early Deaths			
Survivors			
Terminal Sacrifice	**10**	**10**	**10**
Animals Examined Microscopically	**10**	**10**	**10**

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

Heart	(10)	(0)	(10)
Cardiomyopathy	1 [1.0]		

ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(0)	(10)
Accessory Adrenal Cortical Nodule	2 [1.0]		2 [1.0]
Pituitary Gland	(10)	(0)	(10)
Pars Distalis, Hyperplasia			1 [1.0]

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Clitoral Gland	(10)	(0)	(10)
Inflammation, Chronic Active	4 [1.0]		4 [1.0]
Ovary	(10)	(0)	(10)
Bilateral, Cyst			1 [1.0]

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Wistar Han RATS FEMALE	**0 mg/m3**	**0.5 mg/m3**	**2.0 mg/m3**
HEMATOPOIETIC SYSTEM			
Lymph Node, Bronchial	(10)	(10)	(10)
Pigmentation		1 [1.0]	5 [1.2]
Lymph Node, Mediastinal	(8)	(8)	(10)
Pigmentation		7 [1.0]	9 [1.3]
Thymus	(10)	(0)	(10)
Cyst			1 [1.0]
INTEGUMENTARY SYSTEM			
None			
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
Lung	(10)	(10)	(10)
Infiltration Cellular, Histiocyte	5 [1.4]	6 [1.0]	10 [1.0]
Metaplasia, Osseous	2 [1.0]	1 [1.0]	
Pigmentation		10 [1.0]	10 [1.6]
SPECIAL SENSES SYSTEM			
Harderian Gland	(10)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

Wistar Han RATS FEMALE	**0 mg/m3**	**0.5 mg/m3**	**2.0 mg/m3**
Inflammation, Chronic Active	2 [1.0]		
URINARY SYSTEM			
Kidney	(10)	(10)	(10)
Nephropathy	2 [1.0]	3 [1.0]	2 [1.0]
Pelvis, Dilatation			1 [1.0]

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion
b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)